Audio Note

AN-S3

MOVING COIL STEP UP
TRANSFORMER

OWNER'S INFORMATION

Audio Note

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! IMPORTANT SAFETY INFORMATION !

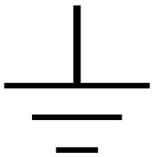
RISK OF SHOCK OR ELECTROCUTION! INTERNAL OPERATING VOLTAGES ARE LETHAL!

Do not remove top cover, unless specifically instructed to do so in the user manual.

This unit contains fuses and other safety components in accordance with BS60065 requirements.
In the event of failure, replacement fuse or safety component must be of the same part type and value.

SUCH REPLACEMENT MUST ONLY BE CARRIED OUT BY A QUALIFIED SERVICE TECHNICIAN.

Do not attempt to replace any fuses without first disconnecting the unit from the mains electricity supply.



This product must be earthed – ensure that the mains supply cable earth / ground is correctly connected.

This product generates high levels of heat. Adequate ventilation must be provided. Do not restrict airflow through any ventilation slots or place the unit on any surface that may restrict airflow.

Valve equipment operates at extremely high temperatures;
KEEP OUT OF THE REACH OF CHILDREN AND ANIMALS.

Do not store or operate this unit in areas of high humidity or in close proximity to water / moisture.

Do not expose or immerse the unit in liquid of any kind.

OTHER SAFETY PRECAUTIONS: -

Never touch the power cord with wet hands.

Always remove the power cord by grasping the plug, not the cable.

Never expose the unit to excessive heat or magnetism.

Never let an inexperienced person repair or reassemble the unit.

Never put anything, especially metal objects, inside the unit.

Never place excessive weight on the unit.

CE DECLARATION OF CONFORMITY

We declare under our sole responsibility that this product is in conformity with the following standards or standardized documents:

BS EN 60065 in accordance with the regulations 73/23/EEC, 89/336/EEC (from 1 January 1997)

CE 94

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DISPOSAL

This product must not be disposed of as normal household waste. To prevent possible harm to the environment please separate the product from other waste to ensure that it can be recycled in an environmentally safe manner. Please contact your retailer or the appropriate local government office for collection facilities.

POWER REQUIREMENTS

Power requirements for electrical equipment vary depending on your geographical location. Please ensure that your unit meets the power requirements in your area. The power requirement for your unit is marked on the serial number plate, located on the rear panel.

If you are in doubt, please contact your dealer before plugging the unit into the mains supply.

INTRODUCTION

Thank you for purchasing this Audio Note (UK) product. With the correct care it should give you many years of pleasure and enjoyment.

Please take the time to read all of the information in this manual before connecting your new component to an electrical supply or your system, to ensure both your safety and satisfaction.

Please note that due to our desire to continually improve products, specifications are subject to change without notice. Therefore it is important to refer to the manual that is supplied with your product for the most accurate information; manuals downloaded from our website or obtained from other sources may no longer fully apply to your product.

If you have any questions regarding the information contained within this document or your new component, please feel free to contact us: -

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AN-S3 MOVING COIL STEP UP TRANSFORMER

The AN-S3 is a passive device, designed to convert the mainly current output of your Moving Coil cartridge (MC) to a higher voltage, low current signal of sufficient strength to allow a Moving Magnet (MM) phonostage to amplify it to a suitable level.

The internal transformers used in the AN-S3 are manufactured by Audio Note (UK) exclusively. Each transformer is made from 0.1mm laminated super mumetal 250 and wound with 99.99% pure copper wire. Each Transformer is then housed in a mumetal screening canister to minimize noise and interference.

The AN-S3 can be supplied in a variety of versions, as listed in the table below:

AN-S3L	3 Ohm input impedance	For cartridges with an internal impedance of 1 Ohm, primarily designed for use with the Audio Note (UK) IO range
AN-S3LM	4 Ohm input impedance	For cartridges with an internal impedance of 1 to 2 Ohms
AN-S3ML	9 Ohm input impedance	For cartridges with an internal impedance of 2 to 4 Ohms
AN-S3M	16 Ohm input impedance	For cartridges with an internal impedance of 4 to 6 Ohms
AN-S3MH	36 Ohm input impedance	For cartridges with an internal impedance of 9 to 12 Ohms
AN-S3H	64 Ohm input impedance	For cartridges with an internal impedance of 16 to 21 Ohms

It is possible to use our transformers with cartridges that have greater internal impedances or values that are outside the preferred ranges, however, it is important to realize that an input impedance in the region of three to four times the internal impedance of your cartridge will usually provide the best results

INSTALLATION AND OPERATION

Position the AN-S3 in a suitable location, close your turntable and phonostage input. It is important to remember that the Step Up Transformers inside the AN-S3 are highly susceptible to noise created by power supplies, mains cables etc. If you experience any 'hum' problems, move the AN-S3 to a different location, further away from possible causes of noise, and try changing it's orientation, rotating it clockwise / anticlockwise until any noise is eliminated / reduced to an acceptable level.

Once located, connect the AN-S3 between your turntable and phonostage input. Connect your tonearm / turntable output cables to the input sockets on the AN-S3, and the output sockets of the AN-S3 to your MM phonostage input. It is important to use good quality, shielded interconnects for all turntable connections; this will help to minimize any noise or hum problems.

If your tonearm has a separate earth lead, connect this to the dedicated earth / grounding post located on the rear of the AN-S3. It may also be worthwhile connecting this earth / ground post to the earth / ground post of your pre-amplifier / phonostage / amplifier (if one is available). This will often further reduce low level noise or 'hum', however this is not always guaranteed, so some experimentation is advised to ascertain the best arrangement.

Once all connections have been made, you are now ready to enjoy some music!

WARRANTY INFORMATION

Audio Note (UK) warrants this product to be free from defects in materials and workmanship for two years from the original date of purchase from an appointed Audio Note (UK) dealer, and agrees to cover the cost of parts and associated labour required to correct such defects, subject to terms & conditions.

This Warranty is offered to the first purchaser only.

Any valves supplied with the unit are warranted for three months from the original date of purchase.

If the product fails in normal domestic use and during the Warranty period due to the above described faults or defects, Audio Note (UK) will, at its discretion, repair or replace the item free of charge within a reasonable time once it has been returned to Audio Note (UK) or an appointed Audio Note (UK) dealer or service engineer.

Audio Note (UK) is not liable for any shipping charges incurred whilst transporting the product to or from Audio Note (UK) or an appointed Audio Note (UK) dealer or service engineer, should the item require service or repair during or after the Warranty period.

If the product must be shipped, please use the original packaging materials and include a copy of the original sales receipt along with a note explaining, in as much detail as possible, the problems you are experiencing with the unit.

Only use a reputable Courier Service or Shipping Agent, and ensure that your product is insured during transit.

Any servicing, repairs or modifications not authorized by Audio Note (UK), or carried out by persons other than appointed Audio Note (UK) service engineers will invalidate any warranty.

This Warranty does NOT cover: -

Damage sustained whilst in the possession of a shipping agent, retailer or consumer and not caused as a direct result of defects in materials or workmanship.

Damage caused by normal wear and tear.

Damage or defects caused by abnormal or unreasonable use.

Damage caused by accident, acts of nature, misuse or neglect.

Damage caused by a failure to follow the operating and installation instructions supplied with the product.

Damage caused by improper or careless cleaning.

Audio Note (UK) reserves the right to refuse warranty for any component of which the serial number has been removed, defaced or tampered with.

CONTACT INFORMATION

If in the future your Audio Note (UK) product requires servicing, or if you require technical support or have any questions regarding this or any of our other products, please contact your local Audio Note (UK) dealer.

Alternatively, please feel free to contact us directly: -

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